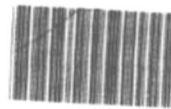


PERM 205



UIC 0759

Checklist - Administrative Record

ROUTING AND TRANSMITTAL SLIP

Date

5-7-86

TO: (Name, office symbol, room number, building, Agency/Post)

Initials

Date

1. Deb Ehlert

DE.

5/7/86

2. Andy Lensink RC

ASL

5/9/86

3. Mike Strieby

MS 5/7/86

4. Pat Crotty

MC 5/12/86

5. Max Dodson (signatures)

MO

5/13/86

Action	File	Note and Return
Approval	<input checked="" type="checkbox"/> For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	<input checked="" type="checkbox"/> Signature
Coordination	Justify	

REMARKS

FINAL PERMIT NO.: MTS 21PE-0025

PERMITTEE: Murphy Oil

PACKAGE #1

Left Side

Concurrence Sheet
Checklist - Final Action
~~Responsiveness Summary~~
~~Addendum to Statement of Basis (SOB)~~

Original SOB

PACKAGE #2

Left Side

Right Side

Cover Letter (SIGNATURE)
~~Receiver Exception (SIGN)~~
Final Action Document (SIGN)
~~Addendum to Statement of Basis~~

Right Side

Cover Letter
~~Receiver Exception (SIGN)~~
Action Document (SIGNATURE)

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)

Room No.—Bldg.

Phone No.

5041-102

☆ GPO : 1983 O - 381-525 (30E)

OPTIONAL FORM 41 (Rev. 7-76)

Prescribed by GSA
FPMR (41 CFR) 101-11.206

CONCURRENCES WITH UIC PROGRAM PERMITTING ACTION

DESCRIPTION OF PROPOSED ACTION: Final permit Denial for Murphy Oil
East Poplar Unit 59-D SWD Well

As PERMIT WRITER, I certify that this action has been taken in accordance with all UIC Program regulations and guidance in force at this time; and that the attached checklist describes the major actions completed. EXCEPT AS FOLLOWS: None

SIGNED: Cory McCaskell

DATE: 5-7-86

As DIRECT IMPLEMENTATION TEAM LEADER, I have reviewed this permit action to assure that the official file contains documentation indicative of a complete application and a thorough review. All checklists have been completed, the action is written in the format consistent with current guidance, and the content of the action is consistent with others of its type. EXCEPT AS FOLLOWS:

SIGNED: Nellie Ehlert

DATE: 5/7/86

As REVIEWING ATTORNEY, I have reviewed the administrative record (official file) and find that the proposed action is within the authority of the Water Management Division Director, and that the proposed action is both legally sound and enforceable. EXCEPT AS FOLLOWS:

SIGNED: Nellie Ehlert for MJS

DATE: 5/7/86

Under Review 8RC
As GROUND WATER SECTION CHIEF, I certify that this action is consistent with UIC Program policy; and that the appropriate accountability systems have been adjusted to reflect this proposed action. EXCEPT AS FOLLOWS:

SIGNED: Michael J. Struby

DATE: 5/9/86

As DRINKING WATER BRANCH CHIEF, I have reviewed the proposed action and find that it is consistent with UIC Program objectives. The exceptions noted above have been resolved, or do not create impediments. EXCEPT AS FOLLOWS:

SIGNED: Michael J. Struby

DATE: 5/12/86

As WATER MANAGEMENT DIVISION DIRECTOR, I have reviewed the findings of my staff and concur with them. I understand the exceptions noted by the Drinking Water Branch Chief, and am exercising my authority to approve this UIC Program permit action.

SIGNED: Max H. Roden

DATE: 5/13/86

FINAL PERMIT CONSIDERATIONS

A. THE FOLLOWING EVENTS HAVE TRANSPIRED SINCE THE DRAFT PERMIT WAS RELEASED:

YES	NO	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Public notice published - Date: <u>3/27/86</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Copy of published notice received.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Affidavit of publication received.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Public comments received.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Applicant comments received.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Internal review comments received.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Response to public comments completed & summary prepared.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Public hearing held - Date: _____
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Final permit prepared.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Permit denial prepared.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Operator requested to Plug & Abandon existing well.

B. AS A RESULT OF PUBLIC COMMENTS, THE FOLLOWING CHANGES HAVE BEEN MADE TO THE DRAFT PERMIT:

NA

C. AS A RESULT OF FURTHER REGIONAL & HQ REVIEW, THE FOLLOWING CHANGES HAVE BEEN MADE TO THE DRAFT PERMIT:

NA

D. AS A RESULT OF THE APPLICANT'S COMMENTS, THE FOLLOWING CHANGES HAVE BEEN MADE TO THE DRAFT PERMIT:

NA

E. AS A RESULT OF THE PUBLIC HEARING:

NA

ROUTING AND TRANSMITTAL SLIP

Date

3-13-86

TO: (Name, office symbol, room number, building, Agency/Post)

Initials

Date

1. Deb Ehlert

De

3/13/86

2. Regional Counsel

- Andy Lensink

ATL

3/17/86

3. Pat Crotty

Doc

3/18/86

4. Roger Frenette

Pac

5. Max Dodson (signatures)

MD

3/18/86

Action

File

Note and Return

Approval

XX

For Clearance

Per Conversation

As Requested

For Correction

Prepare Reply

Circulate

For Your Information

See Me

Comment

Investigate

XX

Signature

Coordination

Justify

REMARKS

DRAFT PERMIT NO.: MTS 21 PE-0025
APPLICANT: Murphy Oil

PACKAGE #1 - FOR SIGNATURES

Left Side

Concurrence Sheet
Checklist (Draft Action)

Right Side

Cover Letter (SIGNATURE)
Public Notice (SIGNATURE)
~~Draft Aquifer Exemption~~
Draft Permit Danial
Statement of Basis

PACKAGE #2 - PHOTOCOPIES (no signatures required)

Left Side

Blank

Right Side

Same as above - For HQ, MOI
and File

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)

Room No.—Bldg.

Anne Campbell

Phone No.

X1420

CONCURRENCES WITH UIC PROGRAM PERMITTING ACTION

DESCRIPTION OF PROPOSED ACTION: Draft Permit Denial for
Murphy Oil UIC # MTS21PE-0025, East Poplar Unit.

As PERMIT WRITER, I certify that this action has been taken in accordance with all UIC Program regulations and guidance in force at this time; and that the attached checklist describes the major actions completed. EXCEPT AS FOLLOWS: _____

SIGNED: _____

DATE: 3-13-86

As DIRECT IMPLEMENTATION TEAM LEADER, I have reviewed this permit action to assure that the official file contains documentation indicative of a complete application and a thorough review. All checklists have been completed, the action is written in the format consistent with current guidance, and the content of the action is consistent with others of its type. EXCEPT AS FOLLOWS: _____

SIGNED: _____

DATE: 3/13/86

As REVIEWING ATTORNEY, I have reviewed the administrative record (official file) and find that the proposed action is within the authority of the Water Management Division Director, and that the proposed action is both legally sound and enforceable. EXCEPT AS FOLLOWS: _____

SIGNED: _____

DATE: 3/17/86

As GROUND WATER SECTION CHIEF, I certify that this action is consistent with UIC Program policy; and that the appropriate accountability systems have been adjusted to reflect this proposed action. EXCEPT AS FOLLOWS: _____

SIGNED: _____

DATE: 3/17/86

As DRINKING WATER BRANCH CHIEF, I have reviewed the proposed action and find that it is consistent with UIC Program objectives. The exceptions noted above have been resolved, or do not create impediments. EXCEPT AS FOLLOWS: None

SIGNED: _____

DATE: 3/18/86

As WATER MANAGEMENT DIVISION DIRECTOR, I have reviewed the findings of my staff and concur with them. I understand the exceptions noted by the Drinking Water Branch Chief, and am exercising my authority to approve this UIC Program permit action.

SIGNED: _____

DATE: 3/18/86

DRAFT PERMIT - MAJOR CONSIDERATIONS

A. THE FOLLOWING ITEMS HAVE BEEN CONSIDERED IN PREPARING THIS ACTION:

Yes No

- ☒ ☒ 1. A complete application was submitted. (See B. below)
☒ ☒ 2. All USDW's will be protected.
☒ ☒ 3. Wells within the Area of Review have been reviewed and corrective action:

☐ is not necessary, ☐ is a permit condition.

- ☒ ☒ 4. Plugging and Abandonment Plan is appropriate.
☒ ☒ 5. Well construction details comply with 40 CFR 146.
☒ ☒ 6. Operating data is consistent with geological conditions.
☒ ☒ 7. Mechanical Integrity of the well(s):

☒ has been demonstrated, *failed 9/27/86*

☐ will be demonstrated before injection will be allowed.

- ☒ ☒ 8. Monitoring & Reporting are adequate for compliance purposes.
☒ ☒ 9. Adequate Financial Responsibility has been demonstrated by:

☐-Bond ☐-Letter/Credit ☐-Trust ☐-Financial Data

- ☒ ☒ 10. An Aquifer Exemption is:

☒ not needed, ☐ already in existence, ☐ included.

- ☒ ☒ 11. Special Conditions: *Plugging of the well within 60 days - Well has not operated since 6/24/84*

B.1. THE FOLLOWING INFORMATION WAS CONTAINED IN THE PERMIT APPLICATION:

(Except as noted, all information is required for all classes of wells.)

ATTACHMENTS

- All information requested on Form 4.
☒ Signature of VP or authorized representative.
☒ Notification of Land Owners
☒ Area of Review Methods
 (NA Exist II's) ☐ Topographic Maps
 (NA Exist II's) ☐ Corrective Action Plan
 (NA Class II's) ☐ Maps and X-Sections of USDW's
 (Class II only) ☒ Name and Depth of USDW's

A
B
C
D
E

Continued next page

(NA Class II's)	<input type="checkbox"/> Maps and X-Sections of Geologic Structure of Area	F
(Class II only)	<input checked="" type="checkbox"/> Geological Data on the injection & confining zone	G
	<input checked="" type="checkbox"/> Operating Data	H
(NA Exist II's)	<input type="checkbox"/> Formation Testing Plan	I
(Class II Optl)	<input checked="" type="checkbox"/> Stimulation Program	J
(Class II Optl)	<input type="checkbox"/> Injection Procedures	K
	<input checked="" type="checkbox"/> Construction Procedures & Details	L & M
(III's only)	<input type="checkbox"/> Changes in injected fluid	N
(Class II Optl)	<input type="checkbox"/> Plan for Well Failure	O
(Class II Optl)	<input type="checkbox"/> Monitoring program	P
	<input checked="" type="checkbox"/> P & A Plan	Q
	<input type="checkbox"/> Financial Responsibility demonstration	R
(as needed)	<input type="checkbox"/> Request for Aquifer Exception	S
(as applicable)	<input type="checkbox"/> List of Existing EPA Permits	T
	<input checked="" type="checkbox"/> Description of Business	U
	<input type="checkbox"/> Other: (List significant items)	

B.2. AFTER REVIEW, THE FOLLOWING ADDITIONAL ITEMS WERE REQUESTED IN ORDER TO COMPLETE THE APPLICATION:

Draft or Final Permit plus
Aquifer Exemption (if applicable)

U.S. ENVIRONMENTAL PROTECTION AGENCY
UNDERGROUND INJECTION CONTROL PROGRAM

DENIAL OF AUTHORIZATION TO INJECT

Pursuant to the Underground Injection Control Regulations of the U.S. Environmental Protection Agency codified at Title 40 of the Code of Federal Regulations, Parts 124, 144, 146, and 147,

Murphy Oil, USA, Incorporated
200 Peach Street
El Dorado, Arkansas 71730

is hereby denied authorization to operate the Class II injection well, commonly known as EPU 59-D located in the NW 1/4, SW 1/4, 1911 feet from north line and 732 feet from west line of Section 4, Township 28 North and Range 51 East in Roosevelt County, Montana.


This document serves as a denial of authorization to continue injection activities and serves as a notice to plug and abandon the EPU 59-D well. The operator shall adhere to the following conditions:

- 1) The injection activities shall cease upon the effective date of this denial.
- 2) The Director shall be notified fourteen (14) days prior to the plugging and abandonment of this well.
- 3) The well shall be plugged and abandoned within sixty (60) days of the effective date of this denial and in accordance with the attached EPA-approved Plugging and Abandonment Plan submitted by the applicant.
- 4) Within sixty (60) days after plugging the well, the permittee shall submit a report on Form 7520-13 to the Director. The report shall be certified as accurate by the person who performed the plugging operation and the report shall consist of either: (1) a statement that the well was plugged in accordance with the plan, or (2) where actual plugging differed from the plan, a statement that specifies the different procedures followed. The Director may require additional work if it is determined that the modified plan or work performed, is not adequate to protect all USDW's.
- 5) Murphy Oil shall verify the cement top of the set plugs, using an appropriate method of cement tagging.

This denial consists of a total of 4 pages. Further, it is based upon representations made by the applicant and on other information contained in the Administrative Record.

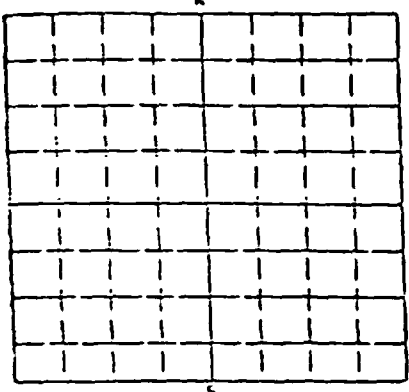
Issued this 13th day of May, 1986.

This action shall become effective May 13th, 1986.


Max H. Dodson, Director
Water Management Division

PLUGGING RECORD

NAME AND ADDRESS OF PLANT/FACILITY	NAME AND ADDRESS OF CEMENTING COMPANY
------------------------------------	---------------------------------------

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 360 ACRES 	STATE	COUNTY	PERMIT NUMBER
	SURFACE LOCATION DESCRIPTION		
	W OF W OF W SECTION TOWNSHIP RANGE		
	LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location S. from (N/S): Line of quarter section and S. from (E/W): Line of quarter section		
TYPE OF PERMIT <input type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells		Describe in detail the manner in which the fluid was placed and the method used in introducing it into the hole	

CASING AND TUBING RECORDED AFTER PLUGGING					WELL ACTIVITY	METHOD OF EMPLACEMENT OF CEMENT PLUGS
SIZE	WELL (FT)	PUT IN WELL (FT)	LEFT IN WELL (FT)	HOLE SIZE		
					<input type="checkbox"/> Brine Disposal <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage	<input type="checkbox"/> The Balance Method <input type="checkbox"/> The Dump Bailer Method <input type="checkbox"/> The Two-Plug Method
Lease Name Well Number						

CEMENTING TO PLUG AND ABANDON DATA		PLUS #1	PLUS #2	PLUS #3	PLUS #4	PLUS #5	PLUS #6	PLUS #7
Cementing Date								
Size of hole or pipe in which Plug Placed (inches)								
Depth to Bottom of Tubing or Drill Pipe (ft)								
Secks of Cement Used (each plug)								
Slurry Volume Pumped (cu ft)								
Calculated Top of Plug (ft)								
Measured Top of Plug (ft) (logged ft)								
Slurry Weight (G/G)								
Type Cement								

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS			
From	To	From	To

Signature of Cementer or Authorized Representative	Signature of EPA Representative
----------------------------------------------------	---------------------------------

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22)

NAME AND OFFICIAL TITLE (Please type or print)	SIGNATURE	DATE SIGNED

NAME AND ADDRESS OF FACILITY

Murphy Oil USA, Inc.
Poplar, Montana

EPU 59-D

NAME AND ADDRESS OF OPERATOR

Murphy Oil USA, Inc.
200 Peach St., El Dorado, AR 71730LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT — 640 ACRES

STATE

COUNTY

PERMIT NUMBER

MT

Roosevelt

SURFACE LOCATION DESCRIPTION

NE 1/4 OF SW 1/4 OF NW 1/4 SECTION 4 TOWNSHIP 28N RANGE 5E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location 1911 ft. from (N/S) N Line of quarter section
and 732 ft. from (E/W) W Line of quarter section

TYPE OF AUTHORIZATION

- ☒
- Individual Permit
-
- ☐
- Area Permit
-
- ☐
- Rule

Number of Wells 1

WELL ACTIVITY

- ☐
- CLASS I
-
- ☒
- CLASS II
-
- ☒
- Brine Disposal
-
- ☐
- Enhanced Recovery
-
- ☐
- Hydrocarbon Storage
-
- ☐
- CLASS III

Lease Name EPU

Well Number 59-D

CASING AND TUBING RECORD AFTER PLUGGING

METHOD OF EMPLACEMENT OF CEMENT PLUGS

SIZE	WT. (LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
13 3/8 48#			139.85	17 1/2
9 5/8 36#			942.83	12 1/2
5 1/2 15.5 #			5735.36	8 3/4

- ☒
- The Balance Method
-
- ☒
- The Dump Bailer Method
-
- ☐
- The Two-Plug Method
-
- ☐
- Other

CEMENTING TO PLUG AND ABANDON DATA	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)	*5 1/2	5 1/2	*9 5/8				
Depth to Bottom of Tubing or Drill Pipe (ft.)	3214						
Sacks of Cement To Be Used (each plug)	2	10 25	10 25				
Slurry Volume To Be Pumped (cu. ft.)	2	10 25	10				
Calculated Top of Plug (ft.)	3199	10 25	20				
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (LB/CAL)							
Type Cement or Other Material (Class III)							

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (If any)

From	To	From	To
3337	3365		
4390	3330		
3264	3276		

Estimated Cost to Plug Wells

\$ 6,000

*Cast iron B.P. will be set at 3214' with 2 sacks of cement on top.

**10 sacks cement will be pumped down 5 1/2" csg annulus. Casing will be cut off 6' below ground and a plate welded on top.

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print)

DAVID M. FEDDERSON

Vice President

SIGNATURE

DATE SIGNED

12/4/84

U.S. ENVIRONMENTAL PROTECTION AGENCY
UNDERGROUND INJECTION CONTROL PROGRAM

DENIAL OF AUTHORIZATION TO INJECT

Pursuant to the Underground Injection Control Regulations of the U.S. Environmental Protection Agency codified at Title 40 of the Code of Federal Regulations, Parts 124, 144, 146, and 147,

Murphy Oil USA Incorporated
200 Peach Street
El Dorado, Arkansas 71730

is hereby denied authorization to operate the Class II injection well, commonly known as EPU 59-D located in the NW 1/4, SW 1/4, 1911 feet from north line and 732 feet from west line of Section 4, Township 28 North and Range 51 East in Roosevelt County, Montana.

This document serves as a denial of authorization to continue injection activities and serves as a notice to plug and abandon the EPU 59-D well. The operator shall adhere to the following conditions:

- 1) The injection activities shall cease upon the effective date of this denial.
- 2) The Director shall be notified fourteen (14) days prior to the plugging and abandonment of this well.
- 3) The well shall be plugged and abandoned within sixty (60) days of the effective date of this denial and in accordance with the attached EPA-approved Plugging and Abandonment Plan submitted by the applicant.
- 4) Within sixty (60) days after plugging the well, the permittee shall submit a report on Form 7520-13 to the Director. The report shall be certified as accurate by the person who performed the plugging operation and the report shall consist of either: (1) a statement that the well was plugged in accordance with the plan, or (2) where actual plugging differed from the plan, a statement that specifies the different procedures followed. The Director may require additional work if it is determined that the modified plan or work performed, is not adequate to protect all USDW's.
- 5) Murphy Oil shall verify the cement top of the set plugs, using an appropriate method of cement tagging.

This denial consists of a total of 4 pages. Further, it is based upon representations made by the applicant and on other information contained in the Administrative Record.

Issued this _____ day of _____, 1986

This action shall become effective _____, 1986.

DRAFT

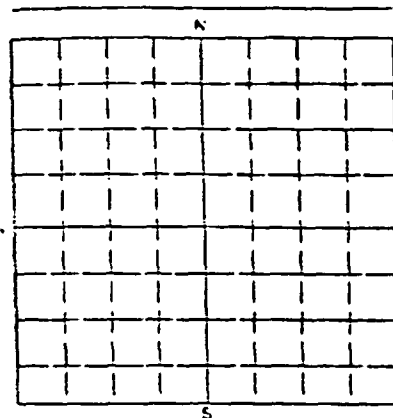
Max H. Dodson, Director
Water Management Division



PLUGGING RECORD

NAME AND ADDRESS OF PERMITTEE

NAME AND ADDRESS OF CEMENTING COMPANY

LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT - 640 ACRES

STATE

COUNTY

PERMIT NUMBER

SURFACE LOCATION DESCRIPTION

W OF

W OF

W SECTION

TOWNSHIP

RANGE

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface

Location _____ ft. from (N/S) _____ Line of quarter section

and _____ ft. from (E/W) _____ Line of quarter section

TYPE OF PERMIT

- ☐
- Individual
-
- ☐
- Area

Number of Wells

Describe in detail the manner in which the fluid was placed and the method used in introducing it into the hole

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT/LB (FT)	PUT IN WELL (FT)	LEFT IN WELL (FT)	HOLE SIZE

WELL ACTIVITY

METHOD OF EMPLACEMENT OF
CEMENT PLUGS

- ☐
- Brine Disposal
-
- ☐
- Enhanced Recovery
-
- ☐
- Hydrocarbon Storage

- ☐
- The Balance Method
-
- ☐
- The Dump-Bailer Method
-
- ☐
- The Two-Plug Method

Lesse Name

Well Number

CEMENTING TO PLUG AND ABANDON DATA

PLUG #1

PLUG #2

PLUG #3

PLUG #4

PLUG #5

PLUG #6

PLUG #7

Cementing Date

Size of Hole or Pipe in which Plug Placed (inches)

Depth to Bottom of Tubing or Drill Pipe (ft)

Secks of Cement Used (each plug)

Slurry Volume Pumped (cu. ft.)

Calculated Top of Plug (ft)

Measured Top of Plug (if tagged ft)

Slurry Wt (Lb./Gal)

Type Cement

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS

From	To	From	To

Signature of Cementer or Authorized Representative

Signature of EPA Representative

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22)

NAME AND OFFICIAL TITLE (Please type or print)

SIGNATURE

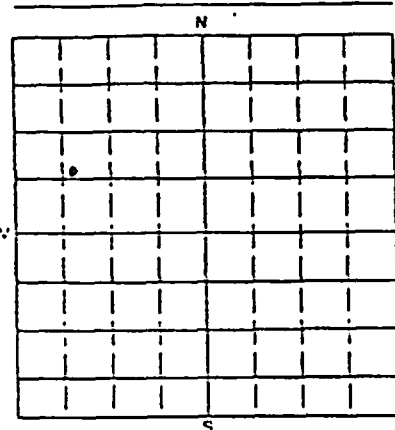
DATE SIGNED

NAME AND ADDRESS OF FACILITY

Murphy Oil USA, Inc.
Poplar, Montana

EPU 59-D

NAME AND ADDRESS OF OWNER/OPERATOR

Murphy Oil USA, Inc.
200 Peach St., El Dorado, AR 71730LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT — 640 ACRES

STATE

COUNTRY

PERMIT NUMBER

MT

Roosevelt

SURFACE LOCATION DESCRIPTION

NE 1/4 OF SW 1/4 OF NW 1/4 SECTION 4 TOWNSHIP 28N RANGE 58E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location 1911 ft. from (N/S) N Line of quarter section
and 732 ft. from (E/W) W Line of quarter section

TYPE OF AUTHORIZATION

- ☒
- Individual Permit
-
- ☐
- Area Permit
-
- ☐
- Rule

Number of Wells 1

WELL ACTIVITY

- ☐
- CLASS I
-
- ☒
- CLASS II
-
- ☒
- Brine Disposal
-
- ☐
- Enhanced Recovery
-
- ☐
- Hydrocarbon Storage
-
- ☐
- CLASS III

Lease Name EPU

Well Number 59-D

CASING AND TUBING RECORD AFTER PLUGGING

METHOD OF EMPLACEMENT OF CEMENT PLUGS

SIZE	WT. (LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
13 3/8 48"			139.85	17 1/2
9 5/8 36"			942.83	12 1/2
5 1/2 15.5 #			5735.36	8 3/4

- ☒
- The Balance Method
-
- ☒
- The Dump Bailer Method
-
- ☐
- The Two-Plug Method
-
- ☐
- Other

CEMENTING TO PLUG AND ABANDON DATA:	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)	5 1/2	5 1/2	9 5/8				
Depth to Bottom of Tubing or Drill Pipe (ft.)	3214						
Sacks of Cement To Be Used (each plug)	2	10	10				
Slurry Volume To Be Pumped (cu. ft.)	2	10	10				
Calculated Top of Plug (ft.)	3199	10	20				
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)							
Type Cement or Other Material (Class III)							

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (If any)

From	To	From	To
3337	3365		
4300	3330		
3264	3276		

Estimated Cost to Plug Wells

\$ 6,000

*Cast iron B.P. will be set at 3214' with 2 sacks of cement on top.
**10 sacks cement will be pumped down 5 1/2" csg annulus. Casing will be cut off 6' below ground and a plate welded on top.

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print)

JOHN M. FEDDERSON

Vice President

SIGNATURE

DATE SIGNED

12/4/84

Public Participation
Statement of Basis

Statement of Basis

Murphy Oil, USA, Incorporated

EPU 59-D well
Roosevelt County, Montana

EPA # MTS21PE-0025
Date Prepared: February 27, 1986

Contacts:

Environmental Protection Agency
Region VIII
Ground Water Section
Attn: Angus M. Campbell
One Denver Place, Suite 1300
999 18th Street
Denver, Colorado 80202-2413
Telephone (303) 293-1420

Environmental Protection Agency
Montana Office
Federal Office Building
Drawer 10096
301 South Park
Helena, Montana 59626

Description of Facility and Background File

On August 28, 1984, Murphy Oil, USA, Inc. of El Dorado, Arkansas, made application for an Underground Injection Control (UIC) permit to inject brine produced in conjunction with oil from Mississippian age formations into the Dakota Formation (Fm.). The rule-authorized well covered by the application is in the East Poplar Unit, located in the NW 1/4, SW 1/4, further described as 1911 feet from north line and 732 feet from west line of Section 4, T28N, R51E in Roosevelt County, Montana.

The well was drilled to a total depth of 5741 feet, cased with 13 & 3/8 inch casing to 145 feet and cemented to the surface. A 9 & 5/8 inch casing was set at 948 feet with 400 sacks of cement. A 5 & 1/2 inch casing was run to 5741 feet and cemented with 300 sacks of cement. The hole was blocked squeezed with 450 sacks of cement at 3149 and 3400 feet. A 2 & 7/8 inch tubing was run with a packer to 3160 feet.

The operator has not used this well since the promulgation of the UIC program in Montana. On September 27, 1985, this well was tested for mechanical integrity by an EPA representative; the well failed the test due to either a hole in the casing or wellhead. The operator, in a letter to Bill Engle of the EPA Montana Office, dated October 1, 1985, stated that Murphy Oil was planning to plug and abandon this well in the future; therefore, Murphy Oil was not going to perform any work-over on this well.

Murphy has submitted a Plugging Plan for this well and EPA has approved the tentative plan which has been incorporated into the denial as page four. The only USDW's in the area of this well are the alluvial aquifers and these shall be protected by the surface casing which is cemented to the surface.

Denial of the permit application is based upon the fact that the operator wishes to plug this well and that there has been no permit issued for this application. It is internal policy of EPA Region VIII, that when a well is called in there may be no permit application withdrawal by the applicant. The Agency must either issue, deny or transfer the permit application.

Within sixty (60) days after the denial becomes effective, Murphy Oil shall have plugged and abandoned the EPU 59-D well, in accordance to the submitted EPA-approved Plugging and Abandonment Plan.

The Plan includes the setting of three plugs as follows:

- | | |
|-------------|-----------------------------------------------------------------------------------------------------------------------|
| Plug No. 1: | Two sack plug placed on a Cast Iron Bridge Plug set at 3214 feet. |
| Plug No. 2: | Ten (10) sacks of cement in the 5½ inch casing, with the top of cement at 10 feet. |
| Plug No 3: | Ten (10) sack plug set in the 9½ and 5½ annular space with the top of plug estimated to be 20 feet below the surface. |

Murphy Oil shall verify the cement top of plugs using an appropriate method of cement tagging. The remainder of the open space of the well will be filled with a mud gel of sufficient weight and density.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
ONE DENVER PLACE — 999 18TH STREET — SUITE 1300
DENVER, COLORADO 80202-2413

PUBLIC NOTICE
INTENT TO DENY AN UNDERGROUND
INJECTION CONTROL PERMIT
TO
MURPHY OIL, USA, INCORPORATED

PURPOSE OF PUBLIC NOTICE

The purpose of this notice is to solicit public comment on the proposal by the Region VIII Office of the U.S. Environmental Protection Agency (EPA) to deny an underground injection control (UIC) permit to inject fluids via a Class II salt water disposal well.

BACKGROUND

EPA Region VIII has reviewed an application for an Underground Injection Control Permit from Murphy Oil, USA, Incorporated, 200 Peach Street, El Dorado, Arkansas, 71730, regarding produced-water disposal operations. The injection fluid is salt water produced in conjunction with the extraction of oil from Mississippian age formations. The well in question was put into operation on July 16, 1955, and has been authorized by rule, under EPA regulations, since June 25, 1984. The well is located in the East Poplar Unit NW 1/4, SW 1/4, of Section 4, T28N, R51E, and is commonly known as EPU 59-D salt water disposal well.

EPA requested Murphy Oil to apply for a permit for the EPU 59-D well, in accordance with the Agency's schedule to permit existing salt water disposal wells. Murphy Oil made a request to withdraw the permit application because they wished to plug and abandon this well. However, this request was denied, since the Agency can only issue, deny or transfer the permit application for an existing well.

EPA has made a preliminary determination to deny the permit application, and is hereby serving notice of intent to deny Murphy Oil, USA, Incorporated, authorization to continue underground injection activities.

This decision is based upon the fact that this well has not been operating since June 1984, and that the operator wishes to plug and abandon this well.

PUBLIC COMMENTS

All data submitted by the applicant, as well as the permit-denial document prepared by EPA, are contained in the Administrative Record for Murphy Oil. This information is available for public inspection at these locations from 9:00 AM to 5:00 PM, or by contacting one of the following offices:

Environmental Protection Agency
Region VIII
Ground Water Section
Attn: Angus M. Campbell
One Denver Place, Suite 1300
999 18th Street
Denver, Colorado 80202-2413
Telephone (303) 293-1420

Environmental Protection Agency
Montana Office
Federal Office Building
Drawer 10096
301 South Park
Helena, Montana 59626

Public comments are encouraged and will be accepted, in writing, at the Denver Office for a period of thirty (30) days after publication of this notice. A request for a public hearing should be made in writing and should state the nature of the issues proposed to be raised at the hearing. A PUBLIC HEARING WILL BE HELD ONLY IF SIGNIFICANT INTEREST IS SHOWN.

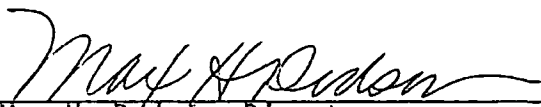
FINAL DECISION AND APPEAL PROCESS

After the close of the public comment period, EPA will issue a final decision, and will notify all commenters regarding this decision. The final decision may be to: issue the denial, modify or revoke and reissue the draft action. The final decision shall become effective thirty (30) days after the final decision is issued, unless no substantial changes were made from the draft permit denial to the final permit denial, in which case the action shall become effective immediately upon issuance.

Within thirty (30) days after a final decision has been issued, any person who filed comments on the draft action or participated in a public hearing, may petition the Administrator to review the action. Commenters are referred to 40 CFR Sections 124.15 through 124.20 for procedural requirements of the appeal process.

MAR 27 1988

Date of Publication



Max H. Dodson, Director
Water Management Division

CLASSIFIED ADVERTISING

Billings Gazette

SERVING MONTANA AND NORTHERN WYOMING
P.O. BOX 2507 BILLINGS, MONTANA 59103

INVOICE

NOTICE TO ADVERTISER

The rate at which this advertising is extended is subject to possible adjustment based upon advertiser performance.
(Does Not Apply to Legal Adv.)

UIC PERMITS CLERK, Drinking Water
Branch, Water Mgmt. Div., 8WM-DW
U.S. EPA
999 18th Street, Suite 1300
Denver, CO 80202-2143

MAR 31 1986

CUSTOMER NUMBER		45269		BILLING DATE		3/27/86		PAGE	
EXPIRATION DATE	DESCRIPTION			CLASS	LINES	TIMES	TOTAL LINES	RATE	AMOUNT
3/27/86	146 line legal regarding PUBLIC NOTICE			090	146	1	146	\$1.40	\$204.40
Publication date: 3/27/86									
All due accounts are subject to a FINANCE CHARGE of 1½% per month which is an ANNUAL PERCENTAGE RATE of 18% applied to the previous balance.									
				Bills Payable 10th of Following Month			NET AMOUNT DUE ►		\$204.40

United States
Environmental
Protection Agency
PUBLIC NOTICE
Intent To Deny

An Underground Injection
Control Permit To Murphy
Oil, USA, Incorporated
Purpose Of Public Notice —

The purpose of this notice is
to solicit public comment on
the proposal by the Region
VIII Office of the U.S. Envi-
ronmental Protection
Agency (EPA) to deny an
underground injection con-
trol (UIC) permit to inject
fluids via a Class II salt
water disposal well.

Background — EPA Region
VIII has reviewed an ap-
plication for an Under-
ground Injection Control
Permit from Murphy Oil,
USA, Incorporated, 200
Peach Street, El Dorado, AR
71730, regarding produced-
water disposal operations.
The injection fluid is salt
water produced in conjunc-
tion with the extraction of oil
from Mississippian age for-
mations. The well in ques-
tion was put into operation
on July 16, 1955, and has
been authorized by rule,
under EPA regulations,
since June 25, 1984. The well
is located in the East Poplar
Unit NW¼, SW¼ of Section
4, T28N, R52E, and is com-
monly known as EPU 59-D
salt water disposal well.

EPA requested Murphy Oil
to apply for a permit for the
EPU 59-D well, in accord-
ance with the Agency's
schedule to permit existing
salt water disposal wells.
Murphy Oil made a request
to withdraw the permit ap-
plication, because they
wished to plug and abandon
this well. However, this re-
quest was denied, since the
Agency can only issue, deny
or transfer the permit ap-
plication for an existing well.
EPA has made a prelimi-
nary determination to deny
the permit application and is
hereby serving notice of in-
tent to deny Murphy Oil,
USA, Incorporated, authori-
zation to continue under-
ground injection activities.
This decision is based upon
the fact that this well has not
been operating since June,
1984, and that the operator
wishes to plug and abandon
this well.

Public Comments — All data
submitted by the applicant,
as well as the permit-denial
document prepared by EPA,
are contained in the Admini-
strative Record for Murphy
Oil. This information is
available for public inspec-
tion at these locations from
9:00 a.m. to 5:00 p.m., or by
contacting one of the follow-
ing offices:

Environmental Protection
Agency; Region VIII;
Ground Water Section; Attn:
Angus M. Campbell; One
Denver Place, Suite 1300; 999
18th Street; Denver, CO
80202-2413; tele-phone
303/293-1420.

Environmental Protection
Agency; Montana Office;
Federal Office Building;
Drawer 10096; 301 South
Park; Helena, MT 59626.

Public comments are en-
couraged and will be ac-
cepted, in writing, at the
Denver Office for a period of
thirty (30) days after publi-
cation of this notice. A re-
quest for a public hearing
should be made in writing
and should state the nature
of the issues proposed to be
raised at the hearing. A

PUBLIC HEARING WILL
BE HELD ONLY IF SIG-
NIFICANT INTEREST IS
SHOWN.

Final Decision And Appeal
Process — After the close of
the public comment period,
EPA will issue a final deci-
sion, and will notify all com-
menters regarding this deci-
sion. The final decision may
be to: issue the denial, modi-
fy or revoke and reissue the
draft action. The final deci-
sion shall become effective
thirty (30) days after the
final decision is issued, un-
less no substantial changes
were made from the draft
permit denial to the final
permit denial, in which case
the action shall become ef-
fective immediately upon is-
suanee.

Within thirty (30) days after
a final permit decision has
been issued, any person who
filed comments on the draft
permit or participated in a
public hearing, may petition
the Administrator to review
the action. Commenters are
referred to 40 CFR Sections
124.15 through 124.20 for pro-
cedural requirements of the
appeal process.

Max H. Dodson, Director
3/27 Water Mgmt. Division

Affidavit of Publication

STATE OF MONTANA, } ss.
County of Yellowstone, }

Judy M. Allen

Being duly sworn, deposes and says:

That she is the principal clerk of The Billings Gazette, a newspaper
of general circulation published daily in the City of Billings, in the County
of Yellowstone, State of Montana, and has charge of the advertisements
thereof.

That the 146 line legal regarding
PUBLIC NOTICE

a true copy of which is hereto annexed, was published in said newspaper
on the following dates: viz:

3/27/86

making in all 1 publication.

Subscribed and sworn to before me this 27th

day of March, 19 86.

NOTARY PUBLIC for the State of Montana
Residing at Billings, Montana

My commission expires 5/13/86.

(NOTARIAL SEAL)

ADVERTISING ORDER

6X0376-1:ASR
ORDER NUMBER

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE

DATE 3/20/86

U.S. ENVIRONMENTAL PROTECTION AGENCY, Water Management Division

The publisher of the publication named below is authorized to publish the enclosed advertisement according to the schedule below provided the rates are not in excess of the commercial rates

charged to private individuals with the usual discounts. It is to be set solid, without paragraphing, and without any display in the heading unless otherwise expressly authorized in the specifications.

NAME OF THE PUBLICATION ADVERTISED IN

BILLINGS GAZETTE

SUBJECT OF ADVERTISEMENT

PUBLIC NOTICE

EDITION OF PAPER ADVERTISEMENT APPEARED

NUMBER OF TIMES ADVERTISEMENT APPEARED

ONE TIME ONLY

DATE(S) ADVERTISEMENT APPEARED

March 27, 1986 (or prior to)

SPECIFICATIONS FOR ADVERTISEMENT

Reduction may be necessary. One (1) AFFIDAVIT OF PUBLICATION AND ONE (1) COPY OF PRINTED NOTICE IN ADDITION TO THE COMPLETED REVERSE OF THIS VOUCHER SHOULD BE MAILED TO: UIC PERMITS CLERK, Drinking Water Branch, Water Management Division, 8WM-DW, U.S. Environmental Protection Agency, 999 18th Street, Suite 1300, Denver, CO 80202-2143

COPY FOR ADVERTISEMENT

COPY ATTACHED FOR PUBLIC NOTICE -

*Intent to Deny A UIC Permit
to Murphy Oil for the EPU 59-1)*

AUTHORITY TO ADVERTISE		INSTRUMENT OF ASSIGNMENT	
NUMBER	EPA Delegations Manual 1-1-A(3)	NUMBER	
DATE	January 28, 1976	DATE	3/20/86
SIGNATURE OF AUTHORIZING OFFICIAL	<i>Virginia C. Beerna</i>	TITLE	Contract Specialist

INSTRUCTIONS TO PUBLISHERS

Extreme care should be exercised to insure that the specifications for advertising to be set other than solid be definite, clear, and specific since no allowance will be made for paragraphing or for display or leaded or prominent headings, unless specifically ordered, or for additional space required by the use of type other than that specified. Specifications for advertising other than solid and the advertisement copy submitted to the publisher will be attached to the voucher. The following is a sample of solid line advertisement set up in accordance with the usual Government requirements.

DEPARTMENT OF HIGHWAYS & TRAFFIC.
D.C. Bids are requested for first spring 1966 cement concrete repair contract, including incidental work, Washington, D.C., Invitation No. C-6676-H, consisting of 11,000 sq. yds. PCC Class BB sidewalk repair and 2,000 cu. yds. PCC Class A pavement, alley, & driveway repair, both cut repairs only. Bidding material available from the Procurement Officer, D.C. Sealed bids to be opened in the Procurement Office at 8:00 p.m., November 16, 1966.

Your bill for this advertising order should be submitted on the "Public Voucher for Advertising" form, which is printed on the reverse of this form, immediately after the last publication of the advertisement. If copies of the printed advertisement are not available, complete the affidavit provided on the voucher. Submit the voucher and a copy of the printed advertisement to ▶.....

IMPORTANT

Charges for advertising when a cut, matrix, stereotype or electric type is furnished will be based on actual space used and no allowance will be made for shrinkage.

In no case shall the advertisement extend beyond the date and edition stated in this order.

PUBLIC VOUCHER FOR ADVERTISING

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE U.S. ENVIRONMENTAL PROTECTION AGENCY, Water Management Division		For Agency Use Only
PLACE VOUCHER PREPARED 999 18th Street, Suite 1300, Denver, CO 80202	DATE PREPARED 3/20/82	VOUCHER NUMBER
NAME OF PUBLICATION PUBLIC NOTICE		SCHEDULE NUMBER
NAME OF PUBLISHER OR REPRESENTATIVE BILLINGS GAZETTE		PAID BY
ADDRESS (Street, room number, city, State, and ZIP code) P.O. Box 2507 401 N. Broadway, Billings, Montana 59103		

CHARGES

TYPEFACE	(size of type)	(inch, square, word, or folio)	
Avant Garde	6	POINT PER line	

Line Rates	NUMBER OR LINES (Indicate counted or space)	COST PER LINE	TOTAL COST
FIRST INSERTION	146	\$ 1.40	\$ 204.40
ADDITIONAL INSERTIONS GIVE NUMBER ▶			
TOTAL			\$ 204.40

Other Rates	NUMBER OF UNITS (Indicate inch, square, word, folio)	COST PER UNIT	TOTAL COST
FIRST INSERTION		\$	\$
ADDITIONAL INSERTIONS GIVE NUMBER ▶			
TOTAL			\$

Attach one copy of advertisement (including upper and lower rules) to each copy of voucher here. If copy is not available sign the following affidavit.		TOTAL LINE RATES AND OTHER RATES	204.40
		LESS DISCOUNT AT %	
		BALANCE DUE	\$ 204.40
		VERIFIED (Initials)	<i>[Signature]</i>

AFFIDAVIT

This represents a true billing for the attached advertising order, with specifications and copy, which has been completed.

SIGNATURE OF PUBLISHER OR REPRESENTATIVE <i>[Signature: Jerry M. Allen]</i>	
TITLE Legals Clerk	DATE 3/27/86

FOR AGENCY USE ONLY

ADVERTISEMENT PUBLISHED IN	DATE PUBLISHED
I certify that the advertisement described above appeared in the named publication and that this account is correct and eligible for payment.	
SIGNATURE AND TITLE OF CERTIFYING OFFICER <i>[Signature: Edna E. Walton, UIC Permits Clerk]</i>	DATE 4/2/86
SIGNATURE AND TITLE OF AUTHORIZING OFFICER	DATE
ACCOUNTING CLASSIFICATION	
6850200 <i>KB0002</i> KF0034	ORDER <i>6X0376</i> 6A7108KOPN
2540	08 Est. <i>250.00</i>
PAID BY CHECK NUMBER	

* If the ability to certify and authority to approve are combined in one person enter "N/A" (not applicable) here.

ADVERTISING ORDER

6X0376A'ASH
ORDER NUMBER

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE

DATE 3/20/86

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SUBJECT OF ADVERTISEMENT

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COPY ATTACHED FOR PUBLIC NOTICE -

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NUMBER	EPA Delegations Manual 1-1-A(3)	NUMBER	
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PUBLIC VOUCHER FOR ADVERTISING

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE		For Agency Use Only
U.S. ENVIRONMENTAL PROTECTION AGENCY, Water Management Division		VOUCHER NUMBER
PLACE VOUCHER PREPARED	DATE PREPARED	SCHEDULE NUMBER
999 18th Street, Suite 1300, Denver, CO 80202	3/20/82	
NAME OF PUBLICATION		PAID BY
PUBLIC NOTICE		
NAME OF PUBLISHER OR REPRESENTATIVE		
BILLINGS GAZETTE		
ADDRESS (Street, room number, city, State, and ZIP code)		
P.O. Box 2507		
401 N. Broadway, Billings, Montana 59103		

CHARGES

TYPEFACE	(size of type)	POINT PER	(inch, square, word, or folio)
POINT PER			
Line Rates	NUMBER OR LINES (Indicate counted or space)	COST PER LINE	TOTAL COST
	FIRST INSERTION	\$	\$
	ADDITIONAL INSERTIONS GIVE NUMBER ▶		
	TOTAL		\$
Unit Rates	NUMBER OF UNITS (Indicate inch, square, word, folio)	COST PER UNIT	TOTAL COST
	FIRST INSERTION	\$	\$
	ADDITIONAL INSERTIONS GIVE NUMBER ▶		
	TOTAL		\$
Attach one copy of advertisement (including upper and lower rules) to each copy of voucher here. If copy is not available sign the following affidavit.		TOTAL LINE RATES AND OTHER RATES	
		LESS DISCOUNT AT %	
		BALANCE DUE	\$
		VERIFIED (Initials)	

AFFIDAVIT

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SIGNATURE OF PUBLISHER OR REPRESENTATIVE

TITLE	DATE
-------	------

FOR AGENCY USE ONLY

ADVERTISEMENT PUBLISHED IN	DATE PUBLISHED
I certify that the advertisement described above appeared in the named publication and that this account is correct and eligible for payment.	
SIGNATURE AND TITLE OF CERTIFYING OFFICER	DATE
SIGNATURE AND TITLE OF AUTHORIZING OFFICER	DATE
ACCOUNTING CLASSIFICATION	PAID BY CHECK NUMBER
6850200 <u>KB0002</u> KP0034 ORDER <u>6X0376</u> 6A7108KOPN	
2540 08 Est. 250.00	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
PUBLIC NOTICE
INTENT TO DENY AN UNDERGROUND
INJECTION CONTROL PERMIT
TO
MURPHY OIL, USA, INCORPORATED

PURPOSE OF PUBLIC NOTICE

The purpose of this notice is to solicit public comment on the proposal by the Region VIII Office of the U.S. Environmental Protection Agency (EPA) to deny an underground injection control (UIC) permit to inject fluids via a Class II salt water disposal well.

BACKGROUND

EPA Region VIII has reviewed an application for an Underground Injection Control Permit from Murphy Oil, USA, Incorporated, 200 Peach Street, El Dorado, Arkansas, 71730, regarding produced-water disposal operations. The injection fluid is salt water produced in conjunction with the extraction of oil from Mississippian age formations. The well in question was put into operation on July 16, 1955, and has been authorized by rule, under EPA regulations, since June 25, 1984. The well is located in the East Poplar Unit NW 1/4, SW 1/4, of Section 4, T28N, R51E, and is commonly known as EPU 59-D salt water disposal well.

EPA requested Murphy Oil to apply for a permit for the EPU 59-D well, in accordance with the Agency's schedule to permit existing salt water disposal wells. Murphy Oil made a request to withdraw the permit application because they wished to plug and abandon this well. However, this request was denied, since the Agency can only issue, deny or transfer the permit application for an existing well.

EPA has made a preliminary determination to deny the permit application, and is hereby serving notice of intent to deny Murphy Oil, USA, Incorporated, authorization to continue underground injection activities.

This decision is based upon the fact that this well has not been operating since June 1984, and that the operator wishes to plug and abandon this well.

PUBLIC COMMENTS

All data submitted by the applicant, as well as the permit-denial document prepared by EPA, are contained in the Administrative Record for Murphy Oil. This information is available for public inspection at these locations from 9:00 AM to 5:00 PM, or by contacting one of the following offices:

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Region VIII
Ground Water Section
Attn: Angus M. Campbell
One Denver Place, Suite 1300
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Denver, Colorado 80202-2413
Telephone (303) 293-1420

Environmental Protection Agency
Montana Office
Federal Office Building
Drawer 10096
301 South Park
Helena, Montana 59626

Public comments are encouraged and will be accepted, in writing, at the Denver Office for a period of thirty (30) days after publication of this notice. A request for a public hearing should be made in writing and should state the nature of the issues proposed to be raised at the hearing. A PUBLIC HEARING WILL BE HELD ONLY IF SIGNIFICANT INTEREST IS SHOWN.

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Within thirty (30) days after a final decision has been issued, any person who filed comments on the draft action or participated in a public hearing, may petition the Administrator to review the action. Commenters are referred to 40 CFR Sections 124.15 through 124.20 for procedural requirements of the appeal process.

Date of Publication

Max H. Dodson, Director
Water Management Division

Permit Writer's Review Notes
Worksheets, Etc.